

CLASSIFICATION:

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET P-40										DATE: February 2004		
APPROPRIATION/BUDGET ACTIVITY Weapons Procurement, Navy								P-1 ITEM NOMENCLATURE HARM Mods - AGM-88C/D/E (Subhead: J2ES)				
Program Element for Code B Items: 232700								Other Related Program Elements 0205601N				
	Prior Years	ID Code	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY2008	FY2009	To Complete	Total Program
QUANTITY												0
COST (\$M)			\$0.000	\$3.880	\$0.000	\$0.000	\$0.000	\$0.000	\$40.545	\$42.546	\$889.809	\$976.780
Initial Spares (\$M)												\$0.000
Total (\$M)			\$0.000	\$3.880	\$0.000	\$0.000	\$0.000	\$0.000	\$40.545	\$42.546	\$889.809	\$976.780
Unit Cost (\$M)			\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	
<p>MISSION DESCRIPTION: The High Speed Anti-Radiation Missile (HARM) is a joint-service air-to-service missile designed to suppress or destroy land and sea based radars involved with enemy air defense systems. HARM is integrated on the F/A-18 and EA-6B aircraft. HARM weighs 807 lbs, is 164 inches long and 10 inches in diameter. HARM is a joint-service program with USN (lead), USAF, and FMS participation. The HARM was in full production from FY1982 through FY1996. The USN procured 8,654 all-up-round (AUR) HARMs and 551 Block IV missile modification kits with WPN funding. The last year of USN WPN funding was appropriated in FY94.</p> <p>The HARM AGM-88B+/D (Block VI)/Precision Navigation Unit (PNU) Upgrade Program was a tri-national cooperative program that was designed to enable the fleet to maintain effectiveness against increasingly sophisticated, ground-based enemy radars. The Block VI/PNU design consists of a tactical software upgrade in conjunction with a hardware upgrade which includes the installation of an Inertial Measurement Unit (IMU) coupled with a Global Positioning System (GPS) receiver to provide improved guidance capability to current domestic and international customer inventories. The AGM-88B+/D (Block VI) was in development and was scheduled to start LRIP production in May 2003. Tri-national participation in the HARM Precision Navigation Upgrade (PNU) modification program was terminated in 3Q03.</p> <p>FY03 HARM MODS funding supported Advance Training Missile (ATM) procurement, HARM MODS Legacy production and post-production support costs.</p> <p>FY08 and FY09 funding supports the AGM-88E Advanced Anti-Radiation Guided Missile (AARGM) production program. The AGM-88E Advanced Anti-Radiation Guided Missile (AARGM) is designed to integrate a Multi-mode (passive Anti-Radiation Homing (ARH)/active Millimeter Wave (MMW) Radar/Global Positioning system/Inertial Navigation System (GPS/INS)) on the HARM AGM-88 missile. The AGM-88E AARGM will provide a cost-effective weapon that will detect, identify, engage, and destroy current and projected enemy Integrated Air Defense Systems and other time-sensitive targets. Specific AARGM weapon system capabilities include: counter shutdown, active Millimeter Wave guidance, expanded threat coverage, enhanced anti-radiation homing receiver, netted targeting real-time feed via Integrated Broadcasting Systems (IBS) prior to missile launch, weapon impact assessment transmitted prior to detonation, GPS/point-to-point weapon, and weapon operation in impact avoidance zone/missile impact zones. AARGM is now in the SD&D phase of acquisition and will commence LRIP in FY08. AGM-88E Initial Operating Capability is expected in FY09. An estimated total AGM-88E procurement is for 1,750 missiles.</p>												

P-1 SHOPPING LIST

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